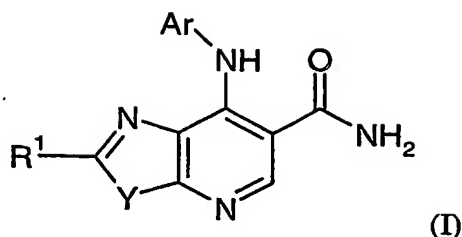


CLAIMS

1. A compound of formula (I):



wherein:

Y is NH, S or O;

R¹ is phenyl or a 5- to 7-membered heteroaromatic ring containing 1 to 3 heteroatoms, each of which is optionally substituted by one or more groups selected from C₁-C₈ alkyl, C₁-C₈ alkoxy, S(O)_nC₁-C₈ alkyl or a group -R²-(CH₂)_p-R³;

n is 0, 1 or 2;

R² is a bond, NH, NC₁-C₈ alkyl, S or O;

p is 0 - 3;

R³ is NR⁴R⁵ where R⁴ and R⁵ are independently hydrogen or C₁-C₈ alkyl, or R³ is a phenyl ring, a 5 to 7-membered saturated ring containing 1 or 2 heteroatoms selected from nitrogen, oxygen and sulphur, or a 5- to 7-membered heteroaryl group containing 1 to 3 heteroatoms selected from nitrogen oxygen and sulphur, each of which can optionally substituted by one or more groups selected from CONR⁴R⁵, NR⁴R⁵, C₁-C₈ alkyl, C₁-C₈ alkoxy, S(O)_nC₁-C₈ alkyl, hydroxyl, CN, halogen, NHCOC₁-C₈alkyl, R²-(CH₂)_p-OH or morpholine;

n is 1 to 4;

Ar is phenyl which can be optionally substituted by one or more groups selected from halogen, hydroxy, cyano, C₁-C₈ alkyl (itself optionally substituted by one or more hydroxy or cyano groups or fluorine atoms), CH₂-R⁶; CH₂O(CH₂)_nOC₁-₆ alkyl, C₁-C₈ alkyl-NR³-R⁴, or a C₂-₆ alkyl chain optionally containing an NR⁷ group in the chain and optionally

substituted by one or more OH groups and optionally terminating in a cycloalkyl or phenyl group, the cycloalkyl and phenyl groups themselves being optionally substituted by one or more hydroxyl groups;

- 5 R^6 is a 5 to 7-membered saturated ring containing 1 or 2 heteroatoms selected from nitrogen, oxygen and sulphur, an aryl or 5- to 7-membered heteroaryl group containing 1 to 3 heteroatoms selected from nitrogen oxygen and sulphur, each of which can optionally substituted by one or more substituents selected from hydroxyl or hydroxymethyl;

- 10 R^7 is hydrogen or C_{1-6} alkyl;

and pharmaceutically acceptable salts thereof.

2. A compound according to claim 1 in which NH or S.

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3. A compound according to claim 1 or 2 in which R^1 is pyridyl or phenyl optionally substituted by SCH_3 , $SOCH_3$, O-Ph- $CONH_2$, $NH(CH_2)_3$ -morpholine, $O(CH_2)_3-N(CH_3)_2$, $O(CH_2)_2$ -morpholine, OCH_3 , $O(CH_2)_2-N(CH_3)_2$, 2-(3-aminophenoxy), 4-methoxyphenoxy, OH, $N(CH_3)_2$, OCH_3 , CN, fluoro, chloro, $S(O)_2CH_3$, $NHCOCH_3$, $O(CH_2)_2OH$, $N(CH_3)(CH_2)_2OH$, morpholine or $O(CH_2)_2-OH$

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4. A compound according to claim 1 or 2 in which the Ar is substituted by selected from hydroxymethyl, ethyl, [(2-hydroxypropyl)amino]methyl, [(2-hydroxy-1-methylethyl)amino]methyl, (1H-imidazol-1-yl)methyl, [(2,3-dihydroxypropyl)amino]methyl, 3-(morpholin-4-yl)methyl, {[2-cyclohexyl-1-(hydroxymethyl)ethyl]amino}methyl, {[1-benzyl-2-hydroxyethyl]amino}methyl, (3-hydroxypyrrolidin-1-yl)methyl, {[2-hydroxy-1-phenylethyl]amino}methyl, {(2-hydroxy-1-(hydroxymethyl)-2-phenylethyl)amino}methyl, {(2-hydroxycyclohexyl)amino}methyl, {(2-hydroxy-2-(4-hydroxyphenyl)-1-methylethyl)amino}methyl, 3-hydroxypiperidin-1-ylmethyl, {[1-(hydroxymethyl)-2-methylpropyl]amino}methyl, {[4-(methylsulphonyl)benzyl]amino}methyl, or {[2-(3,4-dihydroxyphenyl)-2-hydroxyethyl]amino}methyl.

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- 35 5. A compound according to claim 1 which is:

7-[[3-(hydroxymethyl)-2-methylphenyl]amino]-2-(methylthio)[1,3]thiazolo[5,4-b]pyridine-6-carboxamide

7-[(2-ethylphenyl)amino]-2-(methylsulfinyl)[1,3]thiazolo[5,4-b]pyridine-6-carboxamide

- 2-[4-(aminocarbonyl)phenoxy]-7-[(2-ethylphenyl)amino][1,3]thiazolo[5,4-b]pyridine-6-carboxamide
- 7-[(2-ethylphenyl)amino]-2-[(3-morpholin-4-ylpropyl)amino][1,3]thiazolo[5,4-b]pyridine-6-carboxamide
- 5 2-[3-(dimethylamino)propoxy]-7-[(2-ethylphenyl)amino][1,3]thiazolo[5,4-b]pyridine-6-carboxamide
- 7-[(2-ethylphenyl)amino]-2-(methylthio)[1,3]thiazolo[5,4-b]pyridine-6-carboxamide
- 7-[(2-ethylphenyl)amino]-2-(2-morpholin-4-ylethoxy)[1,3]thiazolo[5,4-b]pyridine-6-carboxamide
- 10 7-[(2-ethylphenyl)amino]-2-methoxy[1,3]thiazolo[5,4-b]pyridine-6-carboxamide
- 7-[(2-methylphenyl)amino]-2-(methylthio)[1,3]thiazolo[5,4-b]pyridine-6-carboxamide
- 2-[2-(dimethylamino)ethoxy]-7-[(2-ethylphenyl)amino][1,3]thiazolo[5,4-b]pyridine-6-carboxamide
- 2-(3-aminophenoxy)-7-[(2-ethylphenyl)amino][1,3]thiazolo[5,4-b]pyridine-6-carboxamide
- 15 bis(trifluoroacetate)
- 7-[(2-ethylphenyl)amino]-2-(4-methoxyphenoxy)[1,3]thiazolo[5,4-b]pyridine-6-carboxamide
- 7-{[2-ethyl-3-(hydroxymethyl)phenyl]amino}-2-phenyl-3H-imidazo[4,5-b]pyridine-6-carboxamide
- 20 7-[(2-ethylphenyl)amino]-2-(4-hydroxyphenyl)-3H-imidazo[4,5-b]pyridine-6-carboxamide
- 2-[4-(dimethylamino)phenyl]-7-[(2-ethylphenyl)amino]-3H-imidazo[4,5-b]pyridine-6-carboxamide bis(trifluoroa
- 7-[(2-ethylphenyl)amino]-2-(3-hydroxyphenyl)-3H-imidazo[4,5-b]pyridine-6-carboxamide
- 7-[(2-ethylphenyl)amino]-2-(4-methoxyphenyl)-3H-imidazo[4,5-b]pyridine-6-
- 25 carboxamide 2-(3,4-dihydroxyphenyl)-7-[(2-ethylphenyl)amino]-3H-imidazo[4,5-b]pyridine-6-carboxamide
- 2-(3-cyanophenyl)-7-[(2-ethylphenyl)amino]-3H-imidazo[4,5-b]pyridine-6-carboxamide
- 2-(4-cyanophenyl)-7-[(2-ethylphenyl)amino]-3H-imidazo[4,5-b]pyridine-6-carboxamide
- 7-[(2-ethylphenyl)amino]-2-(4-hydroxy-3-methoxyphenyl)-3H-imidazo[4,5-b]pyridine-6-
- 30 carboxamide
- 2-(3,4-difluorophenyl)-7-[(2-ethylphenyl)amino]-3H-imidazo[4,5-b]pyridine-6-carboxamide
- 2-(3-chloro-4-hydroxyphenyl)-7-[(2-ethylphenyl)amino]-3H-imidazo[4,5-b]pyridine-6-carboxamide
- 35 7-[(2-ethylphenyl)amino]-2-(1H-imidazol-4-yl)-3H-imidazo[4,5-b]pyridine-6-carboxamide
- 7-[(2-ethylphenyl)amino]-2-[4-(methylsulfonyl)phenyl]-3H-imidazo[4,5-b]pyridine-6-carboxamide
- 2-[4-(acetylaminophenyl)-7-[(2-ethylphenyl)amino]-3H-imidazo[4,5-b]pyridine-6-carboxamide

- 7-[(2-ethylphenyl)amino]-2-[4-(2-hydroxyethoxy)phenyl]-3H-imidazo[4,5-b]pyridine-6-carboxamide
- 7-[(2-ethylphenyl)amino]-2-{4-[(2-hydroxyethyl)(methyl)amino]phenyl}-3H-imidazo[4,5-b]pyridine-6-carboxamide
- 5 7-[(2-ethylphenyl)amino]-2-(4-morpholin-4-ylphenyl)-3H-imidazo[4,5-b]pyridine-6-carboxamide
- 7-[(2-ethylphenyl)amino]-2-phenyl-3H-imidazo[4,5-b]pyridine-6-carboxamide
- 7-{[2-ethyl-3-(hydroxymethyl)phenyl]amino}-2-(4-hydroxyphenyl)-3H-imidazo[4,5-b]pyridine-6-carboxamide
- 10 7-{[2-ethyl-3-(hydroxymethyl)phenyl]amino}-2-(4-morpholin-4-ylphenyl)-3H-imidazo[4,5-b]pyridine-6-carboxamide
- 7-[(2-ethylphenyl)amino]-2-pyridin-4-yl-3H-imidazo[4,5-b]pyridine-6-carboxamide
- 7-[(2-ethylphenyl)amino]-2-pyridin-3-yl-3H-imidazo[4,5-b]pyridine-6-carboxamide 7-[(2-ethylphenyl)amino]-2-pyridin-2-yl-3H-imidazo[4,5-b]pyridine-6-carboxamide
- 15 2-[4-(2-{[tert-butyl(diphenyl)silyl]oxy}ethoxy)phenyl]-7-{[2-ethyl-3-(hydroxymethyl)phenyl]amino}-3H-imidazo[4,5-b]pyridine-6-carboxamide
- 7-{[2-ethyl-3-(hydroxymethyl)phenyl]amino}-2-pyridin-4-yl-3H-imidazo[4,5-b]pyridine-6-carboxamide
- 7-{[2-ethyl-3-(hydroxymethyl)phenyl]amino}-2-(4-methoxyphenyl)-3H-imidazo[4,5-b]pyridine-6-carboxamide
- 20 7-[(2-ethyl-3-{[(2-hydroxypropyl)amino]methyl}phenyl)amino]-2-(4-methoxyphenyl)-3H-imidazo[4,5-b]pyridine-6-carboxamide
- 7-[(2-ethyl-3-{[(2-hydroxypropyl)amino]methyl}phenyl)amino]-2-[4-(2-hydroxyethoxy)phenyl]-3H-imidazo[4,5-b]pyridine-6-carboxamide
- 25 7-[(2-ethyl-3-{[(2-hydroxy-1-methylethyl)amino]methyl}phenyl)amino]-2-[4-(2-hydroxyethoxy)phenyl]-3H-imidazo[4,5-b]pyridine-6-carboxamide
- 7-{[2-ethyl-3-(1H-imidazol-1-ylmethyl)phenyl]amino}-2-[4-(2-hydroxyethoxy)phenyl]-3H-imidazo[4,5-b]pyridine-6-carboxamide
- 7-[(3-{[(2,3-dihydroxypropyl)amino]methyl}-2-ethylphenyl)amino]-2-[4-(2-hydroxyethoxy)phenyl]-3H-imidazo[4,5-b]pyridine-6-carboxamide
- 30 7-{[2-ethyl-3-(morpholin-4-ylmethyl)phenyl]amino}-2-[4-(2-hydroxyethoxy)phenyl]-3H-imidazo[4,5-b]pyridine-6-carboxamide
- 7-{[3-{[(1S)-2-cyclohexyl-1-(hydroxymethyl)ethyl]amino}methyl)-2-ethylphenyl]amino}-2-[4-(2-hydroxyethoxy)phenyl]-3H-imidazo[4,5-b]pyridine-6-carboxamide
- 35 7-{[3-{[(1S)-1-benzyl-2-hydroxyethyl]amino}methyl)-2-ethylphenyl]amino}-2-[4-(2-hydroxyethoxy)phenyl]-3H-imidazo[4,5-b]pyridine-6-carboxamide
- 7-[(2-ethyl-3-{[4-(2-hydroxyethyl)piperazin-1-yl]methyl}phenyl)amino]-2-[4-(2-hydroxyethoxy)phenyl]-3H-imidazo[4,5-b]pyridine-6-carboxamide

- 7-({2-ethyl-3-[(3-hydroxypyrrolidin-1-yl)methyl]phenyl} amino)-2-[4-(2-hydroxyethoxy)phenyl]-3H-imidazo[4,5-b]pyridine-6-carboxamide
- 7-({2-ethyl-3-({[(1S)-2-hydroxy-1-phenylethyl] amino} methyl)phenyl} amino)-2-[4-(2-hydroxyethoxy)phenyl]-3H-imidazo[4,5-b]pyridine-6-carboxamide
- 5 7-({2-ethyl-3-({[(2R)-2-(hydroxymethyl)pyrrolidin-1-yl] methyl} phenyl) amino}-2-[4-(2-hydroxyethoxy)phenyl]-3H-imidazo[4,5-b]pyridine-6-carboxamide
- 7-({2-ethyl-3-({[(1S,2S)-2-hydroxy-1-(hydroxymethyl)-2-phenylethyl] amino} methyl)phenyl} amino)-2-[4-(2-hydroxyethoxy)phenyl]-3H-imidazo[4,5-b]pyridine-6-carboxamide
- 10 7-({2-ethyl-3-({[(2-hydroxycyclohexyl) amino] methyl} phenyl) amino}-2-[4-(2-hydroxyethoxy)phenyl]-3H-imidazo[4,5-b]pyridine-6-carboxamide
- 7-({2-ethyl-3-({[(1R,2S)-2-hydroxy-2-(4-hydroxyphenyl)-1-methylethyl] amino} methyl)phenyl} amino)-2-[4-(2-hydroxyethoxy)phenyl]-3H-imidazo[4,5-b]pyridine-6-carboxamide
- 15 7-({2-ethyl-3-({[(1R,2R)-2-hydroxy-1-(hydroxymethyl)-2-phenylethyl] amino} methyl)phenyl} amino)-2-[4-(2-hydroxyethoxy)phenyl]-3H-imidazo[4,5-b]pyridine-6-carboxamide
- 7-({2-ethyl-3-[(3-hydroxypiperidin-1-yl)methyl]phenyl} amino)-2-[4-(2-hydroxyethoxy)phenyl]-3H-imidazo[4,5-b]pyridine-6-carboxamide
- 20 7-({2-ethyl-3-({[1-(hydroxymethyl)-2-methylpropyl] amino} methyl)phenyl} amino)-2-[4-(2-hydroxyethoxy)phenyl]-3H-imidazo[4,5-b]pyridine-6-carboxamide
- 7-({2-ethyl-3-({[4-(methylsulfonyl)benzyl] amino} methyl)phenyl} amino)-2-[4-(2-hydroxyethoxy)phenyl]-3H-imidazo[4,5-b]pyridine-6-carboxamide
- 7-({3-({[2-(3,4-dihydroxyphenyl)-2-hydroxyethyl] amino} methyl)-2-ethylphenyl} amino)-2-(4-methoxyphenyl)-3H-imidazo[4,5-b]pyridine-6-carboxamide
- 25 7-({2-ethyl-3-({[(2-hydroxypropyl) amino] methyl} phenyl) amino}-2-(4-methoxyphenyl)-3H-imidazo[4,5-b]pyridine-6-carboxamide
- 7-({2-ethyl-3-({[(2-hydroxy-1-methylethyl) amino] methyl} phenyl) amino}-2-(4-methoxyphenyl)-3H-imidazo[4,5-b]pyridine-6-carboxamide
- 30 7-({2-ethyl-3-(1H-imidazol-1-ylmethyl)phenyl} amino)-2-(4-methoxyphenyl)-3H-imidazo[4,5-b]pyridine-6-carboxamide
- 7-({3-({[(2,3-dihydroxypropyl) amino] methyl}-2-ethylphenyl) amino}-2-(4-methoxyphenyl)-3H-imidazo[4,5-b]pyridine-6-carboxamide
- 7-({2-ethyl-3-(morpholin-4-ylmethyl)phenyl} amino)-2-(4-methoxyphenyl)-3H-imidazo[4,5-b]pyridine-6-carboxamide
- 35 7-({3-({[(1S)-2-cyclohexyl-1-(hydroxymethyl)ethyl] amino} methyl)-2-ethylphenyl} amino)-2-(4-methoxyphenyl)-3H-imidazo[4,5-b]pyridine-6-carboxamide
- 7-({3-({[(1S)-1-benzyl-2-hydroxyethyl] amino} methyl)-2-ethylphenyl} amino)-2-(4-methoxyphenyl)-3H-imidazo[4,5-b]pyridine-6-carboxamide

- 7-[(2-ethyl-3-{[4-(2-hydroxyethyl)piperazin-1-yl]methyl}phenyl)amino]-2-(4-methoxyphenyl)-3H-imidazo[4,5-b]pyridine-6-carboxamide 7-({2-ethyl-3-[(3-hydroxypyrrolidin-1-yl)methyl]phenyl}amino)-2-(4-methoxyphenyl)-3H-imidazo[4,5-b]pyridine-6-carboxamide
- 5 7-([2-ethyl-3-({[(1S)-2-hydroxy-1-phenylethyl]amino}methyl)phenyl]amino)-2-(4-methoxyphenyl)-3H-imidazo[4,5-b]pyridine-6-carboxamide
7-[(2-ethyl-3-{[(2R)-2-(hydroxymethyl)pyrrolidin-1-yl]methyl}phenyl)amino]-2-(4-methoxyphenyl)-3H-imidazo[4,5-b]pyridine-6-carboxamide
- 10 7-([2-ethyl-3-({[(1S,2S)-2-hydroxy-1-(hydroxymethyl)-2-phenylethyl]amino}methyl)phenyl]amino)-2-(4-methoxyphenyl)-3H-imidazo[4,5-b]pyridine-6-carboxamide
7-[(2-ethyl-3-{[(2-hydroxycyclohexyl)amino]methyl}phenyl)amino]-2-(4-methoxyphenyl)-3H-imidazo[4,5-b]pyridine-6-carboxamide
- 15 7-([2-ethyl-3-({[(1R,2S)-2-hydroxy-2-(4-hydroxyphenyl)-1-methylethyl]amino}methyl)phenyl]amino)-2-(4-methoxyphenyl)-3H-imidazo[4,5-b]pyridine-6-carboxamide
7-([2-ethyl-3-({[(1R,2R)-2-hydroxy-1-(hydroxymethyl)-2-phenylethyl]amino}methyl)phenyl]amino)-2-(4-methoxyphenyl)-3H-imidazo[4,5-b]pyridine-6-carboxamide
- 20 7-({2-ethyl-3-[(3-hydroxypiperidin-1-yl)methyl]phenyl}amino)-2-(4-methoxyphenyl)-3H-imidazo[4,5-b]pyridine-6-carboxamide
7-([2-ethyl-3-({[1-(hydroxymethyl)-2-methylpropyl]amino}methyl)phenyl]amino)-2-(4-methoxyphenyl)-3H-imidazo[4,5-b]pyridine-6-carboxamide
- 25 7-([2-ethyl-3-({[4-(methylsulfonyl)benzyl]amino}methyl)phenyl]amino)-2-(4-methoxyphenyl)-3H-imidazo[4,5-b]pyridine-6-carboxamide
7-[(2-ethyl-3-{[(2-hydroxypropyl)amino]methyl}phenyl)amino]-2-(4-morpholin-4-ylphenyl)-3H-imidazo[4,5-b]pyridine-6-carboxamide
- 30 7-[(2-ethyl-3-{[(2-hydroxy-1-methylethyl)amino]methyl}phenyl)amino]-2-(4-morpholin-4-ylphenyl)-3H-imidazo[4,5-b]pyridine-6-carboxamide
7-([2-ethyl-3-(1H-imidazol-1-yl)methyl]phenyl]amino)-2-(4-morpholin-4-ylphenyl)-3H-imidazo[4,5-b]pyridine-6-carboxamide
- 35 7-([3-({[(2,3-dihydroxypropyl)amino]methyl}-2-ethylphenyl)amino)-2-(4-morpholin-4-ylphenyl)-3H-imidazo[4,5-b]pyridine-6-carboxamide
7-([2-ethyl-3-(morpholin-4-ylmethyl)phenyl]amino)-2-(4-morpholin-4-ylphenyl)-3H-imidazo[4,5-b]pyridine-6-carboxamide
- 7-([3-({[(1S)-1-benzyl-2-hydroxyethyl]amino}methyl)-2-ethylphenyl]amino)-2-(4-morpholin-4-ylphenyl)-3H-imidazo[4,5-b]pyridine-6-carboxamide
7-[(2-ethyl-3-{[4-(2-hydroxyethyl)piperazin-1-yl]methyl}phenyl)amino]-2-(4-morpholin-4-ylphenyl)-3H-imidazo[4,5-b]pyridine-6-carboxamide

- 7-((2-ethyl-3-[(3-hydroxypyrrolidin-1-yl)methyl]phenyl)amino)-2-(4-morpholin-4-ylphenyl)-3H-imidazo[4,5-b]pyridine-6-carboxamide
- 7-{[2-ethyl-3-({[(1S)-2-hydroxy-1-phenylethyl]amino}methyl)phenyl]amino}-2-(4-morpholin-4-ylphenyl)-3H-imidazo[4,5-b]pyridine-6-carboxamide
- 5 7-[(2-ethyl-3-{{[(2R)-2-(hydroxymethyl)pyrrolidin-1-yl]methyl}phenyl]amino})-2-(4-morpholin-4-ylphenyl)-3H-imidazo[4,5-b]pyridine-6-carboxamide
- 7-{[2-ethyl-3-({[(1S,2S)-2-hydroxy-1-(hydroxymethyl)-2-phenylethyl]amino}methyl)phenyl]amino}-2-(4-morpholin-4-ylphenyl)-3H-imidazo[4,5-b]pyridine-6-carboxamide
- 10 7-[(2-ethyl-3-{{[(2-hydroxycyclohexyl)amino]methyl}phenyl]amino})-2-(4-morpholin-4-ylphenyl)-3H-imidazo[4,5-b]pyridine-6-carboxamide
- 7-{[2-ethyl-3-({[(1R,2S)-2-hydroxy-2-(4-hydroxyphenyl)-1-methylethyl]amino}methyl)phenyl]amino}-2-(4-morpholin-4-ylphenyl)-3H-imidazo[4,5-b]pyridine-6-carboxamide
- 15 7-{[2-ethyl-3-({[(1R,2R)-2-hydroxy-1-(hydroxymethyl)-2-phenylethyl]amino}methyl)phenyl]amino}-2-(4-morpholin-4-ylphenyl)-3H-imidazo[4,5-b]pyridine-6-carboxamide
- 7-((2-ethyl-3-[(3-hydroxypiperidin-1-yl)methyl]phenyl)amino)-2-(4-morpholin-4-ylphenyl)-3H-imidazo[4,5-b]pyridine-6-carboxamide
- 20 7-[(2-ethyl-3-{{[(2-hydroxypropyl)amino]methyl}phenyl]amino})-2-pyridin-4-yl-3H-imidazo[4,5-b]pyridine-6-carboxamide
- 7-[(2-ethyl-3-{{[(2-hydroxy-1-methylethyl)amino]methyl}phenyl]amino})-2-pyridin-4-yl-3H-imidazo[4,5-b]pyridine-6-carboxamide
- 7-{[2-ethyl-3-(1H-imidazol-1-ylmethyl)phenyl]amino}-2-pyridin-4-yl-3H-imidazo[4,5-b]pyridine-6-carboxamide
- 25 7-[(3-{{[(2,3-dihydroxypropyl)amino]methyl}-2-ethylphenyl]amino})-2-pyridin-4-yl-3H-imidazo[4,5-b]pyridine-6-carboxamide
- 7-{[2-ethyl-3-(morpholin-4-ylmethyl)phenyl]amino}-2-pyridin-4-yl-3H-imidazo[4,5-b]pyridine-6-carboxamide
- 30 7-{[3-({[(1S)-2-cyclohexyl-1-(hydroxymethyl)ethyl]amino}methyl)-2-ethylphenyl]amino}-2-pyridin-4-yl-3H-imidazo[4,5-b]pyridine-6-carboxamide
- 7-[(2-ethyl-3-{{[4-(2-hydroxyethyl)piperazin-1-yl]methyl}phenyl]amino})-2-pyridin-4-yl-3H-imidazo[4,5-b]pyridine-6-carboxamide
- 7-((2-ethyl-3-[(3-hydroxypyrrolidin-1-yl)methyl]phenyl)amino)-2-pyridin-4-yl-3H-imidazo[4,5-b]pyridine-6-carboxamide
- 35 7-{[2-ethyl-3-({[(1S)-2-hydroxy-1-phenylethyl]amino}methyl)phenyl]amino}-2-pyridin-4-yl-3H-imidazo[4,5-b]pyridine-6-carboxamide
- 7-[(2-ethyl-3-{{[(2R)-2-(hydroxymethyl)pyrrolidin-1-yl]methyl}phenyl]amino})-2-pyridin-4-yl-3H-imidazo[4,5-b]pyridine-6-carboxamide

7-([2-ethyl-3-({[(1S,2S)-2-hydroxy-1-(hydroxymethyl)-2-phenylethyl]amino}methyl)phenyl]amino)-2-pyridin-4-yl-3H-imidazo[4,5-b]pyridine-6-carboxamide)

7-[(2-ethyl-3-[(2-hydroxycyclohexyl)amino]methyl)phenyl]amino]-2-pyridin-4-yl-3H-imidazo[4,5-b]pyridine-6-carboxamide

7-([2-ethyl-3-[(3-hydroxypiperidin-1-yl)methyl]phenyl]amino)-2-pyridin-4-yl-3H-imidazo[4,5-b]pyridine-6-carboxamide

7-([2-ethyl-3-({[1-(hydroxymethyl)-2-methylpropyl]amino}methyl)phenyl]amino)-2-pyridin-4-yl-3H-imidazo[4,5-b]pyridine-6-carboxamide

or a pharmaceutically acceptable salt thereof.

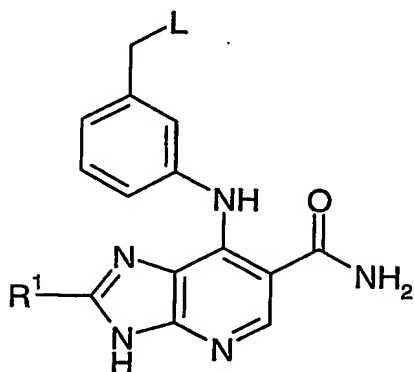
6. A compound of formula (I) as defined in any one of claims 1 to 5 for use in therapy

7. A pharmaceutical composition comprising a compound of formula (I) or a pharmaceutically acceptable salt thereof in association with a pharmaceutically acceptable carrier.

8. A method of treating a disease or condition mediate by JAK3 which comprises administering to a patient in need of such treatment a compound of formula (I) as defined in claims 1 to 5 or a pharmaceutically acceptable salt thereof.

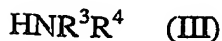
9. A method according to claim 8 in which the disease or condition is asthma, host versus graft rejection/transplantation or rheumatoid arthritis.

10. A process for the preparation of a compound of formula (I) which comprises:
(a) for compounds of formula (I) where Y is NH and Ar is phenyl substituted by $\text{CH}_2\text{NR}^3\text{R}^4$, reaction of a compound of formula (II):



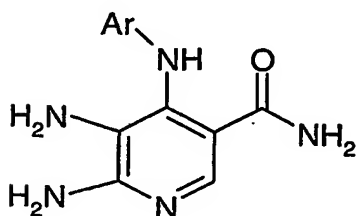
(II)

in which R^1 is as defined in formula (I) or is a protected derivative thereof and L is a leaving group, with a compound of formula (III):



in which R^3 and R^4 are as defined in formula (I) or are protected derivatives thereof, or

(b) for compounds of formula (I) where Y is NH, reaction of a compound of formula (IV):



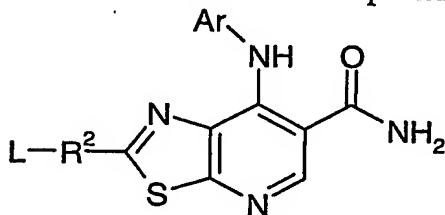
(IV)

in which Ar is as defined in formula (I) or is a protected derivative thereof, with a compound of formula (V):



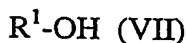
in which R^1 is as defined in formula (I) or is a protected derivative thereof, or

(c) for compounds of formula (I) where Y is S and R^1 is a group $-R^2-(CH_2)_p-R^3$ where R^2 is O or NH, reaction of a compound of formula (VI):



(VI)

in which Ar is as defined in formula (I) or is a protected derivative thereof, R^2 is O or NH, and L is a leaving group, with a compound of formula (VII) or (VIII):



R^1 -NH₂ (VIII)

in which R^1 is as defined in formula (I) or is a protected derivative thereof

5

and optionally thereafter any of the above processes:

- removing any protecting groups
- converting a compound of formula (I) into a further compound of formula (I)
- forming a pharmaceutically acceptable salt.

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